

CLAIMS:

1. A cellular telephone comprising:

a memory storing a telephone directory;

a processor having access to the telephone directory stored in the memory; and

5 a set of instructions capable of being executed by the processor for performing the steps

of:

establishing a communication link with a remote central station; and

transferring at least a portion of the telephone directory via the communication link to the remote central station.

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2. The cellular telephone according to Claim 1, wherein the processor executes the

set of instructions for performing the step of instructing the remote central station to identify and transfer at least a portion of one of a plurality of telephone directories stored within a memory of the remote central station to at least one of a plurality of cellular telephones.

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3. The cellular telephone according to Claim 2, wherein each of the plurality of telephone directories corresponds to a respective one of the plurality of cellular telephones.

4. The cellular telephone according to Claim 2, wherein the plurality of cellular

20 telephones includes the cellular telephone.

5. The cellular telephone according to Claim 1, wherein the communication link with the remote central station is established on a periodic basis.

6. The cellular telephone according to Claim 2, wherein the step of instructing the remote central station to identify and transfer occurs on a periodic basis.

7. The cellular telephone according to Claim 1, wherein the processor executes the 5 set of instructions for performing the step of instructing the remote central station to broadcast the telephone directory to a subset of a plurality of cellular telephones.

8. The cellular telephone according to Claim 1, wherein the processor executes the set of instructions for performing the steps of:

10 receiving a message transmitted from the remote central station indicating that a telephone directory is available for transmission from the remote central station to the cellular telephone for storage within the memory of the cellular telephone; and

transmitting a signal to the remote central station, said signal including at least an identification code identifying the telephone directory available for transmission.

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9. The cellular telephone according to Claim 1, wherein the processor executes the set of instructions for performing the step of instructing the remote central station to transmit the transferred telephone directory to a computing device via at least one network.

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10. The cellular telephone according to Claim 1, wherein the processor executes the set of instructions for performing the step of instructing the remote central station to store the transferred telephone directory within a memory for a particular time period.

11. The cellular telephone according to Claim 10, wherein the processor executes the set of instructions for performing the step of automatically transferring the stored telephone directory or a portion thereof to the cellular telephone after lapse of the particular time period.

5 12. The cellular telephone according to Claim 1, wherein the processor executes the set of instructions for performing the step of transmitting an identification code to the remote central station for identifying a telephone directory assigned the identification code and stored within the remote central station.

10 13. The cellular telephone according to Claim 1, wherein the processor executes the set of instructions for performing the step of transmitting information corresponding to a subscriber of the cellular telephone to the remote central station during a registration process, wherein the registration process includes the step of registering the subscriber with the remote central station.

15 14. The cellular telephone according to Claim 1, wherein the processor executes the set of instructions for performing the steps of:

identifying a calling party's telephone number and an entity the telephone number is assigned to, i.e., Caller ID information; and

20 transmitting the Caller ID information to the remote central station for storage as a telephone directory listing.

15. A cellular telephone comprising:
a memory storing a telephone directory;
a processor having access to the telephone directory stored in the memory; and
a set of instructions capable of being executed by the processor for performing the steps

5 of:

parsing Caller ID information, said Caller ID information including at least a telephone number and an entity assigned the telephone number; and
storing the parsed Caller ID information as a telephone directory listing within the telephone directory.

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16. The cellular telephone according to Claim 15, wherein the processor further executes the set of instructions for performing the step of transferring at least the stored telephone directory listing to a remote central station.

15 17. A telephone directory management system comprising:

a remote central station having a memory for storing a plurality of telephone directories each assigned an individual identification code and at least one processor having access to the plurality of telephone directories stored in the memory;

20 a plurality of cellular telephones each storing a telephone directory and having a processor for executing a set of instructions for performing the steps of:
establishing a communication link with the remote central station; and
transferring the respective telephone directories to the remote central station; and

a set of instructions capable of being executed by the at least one processor for performing the steps of:

5 identifying at least a portion of the telephone directory corresponding to at least one of the plurality of cellular telephones and transferring the same to the at least one of the plurality of cellular telephones.

10 18. The system according to Claim 17, wherein the establishing and transferring steps are performed on a periodic basis.

15 19. The system according to Claim 17, wherein identifying and transferring steps are performed on a periodic basis.

20 20. The system according to Claim 17, wherein the processor of at least one of the plurality of cellular telephones executes the set of instructions for performing the step of instructing the remote central station to broadcast a telephone directory stored within the memory to the plurality of cellular telephones.

25 21. The system according to Claim 17, wherein the processor executes the set of instructions for performing the steps of:

20 receiving a message transmitted from the remote central station indicating that a telephone directory is available for transmission; and

transmitting a signal to the remote central station, said signal including at least an identification code identifying the telephone directory available for transmission.

22. The system according to Claim 17, wherein the processor executes the set of instructions for performing the steps of:

identifying a calling party's telephone number and an entity the telephone number is assigned to, i.e., Caller ID information; and

5 transmitting the Caller ID information to the remote central station for storage as a telephone directory listing.

23. A method for managing telephone directories corresponding to a plurality of cellular telephones, said method comprising the steps of:

10 storing a plurality of telephone directories each corresponding to a respective one of the plurality of cellular telephones within a remote central station;

processing instructions received by the remote central station for identifying at least one telephone directory stored within the remote central station; and

15 transferring the at least one identified telephone directory to at least one of the plurality of cellular telephones, wherein the plurality of cellular telephones have the capability of transferring a respective telephone directory to the remote central station for storage therein.

24. The method according to Claim 23, further comprising the step of transmitting a message to the at least a subset of the plurality of cellular telephones indicating that a telephone 20 directory is available for transmission to at least the subset of the plurality of cellular telephones for storage thereat.

25. The method according to Claim 23, further comprising the step of automatically transferring at least one telephone directory to at least a subset of the plurality of cellular telephones.

5 26. The method according to Claim 23, further comprising the steps of:
receiving Caller ID information, i.e., a calling party's telephone number and an entity the telephone number is assigned to;
processing the received Caller ID information to create at least one telephone directory listing; and
10 storing the at least one telephone directory listing within the remote central station.

27. The method according to Claim 23, further comprising the steps of:
receiving data from a third party for transmitting to at least one subscriber of the plurality of cellular telephones; and
15 sending the received data to the at least one subscriber of the plurality of cellular telephones.

28. The method according to Claim 27, further comprising the step of charging a fee to the third party for performing at least the step of sending the received data.

20 29. The method according to Claim 23, further comprising the step of charging a fee to at least one subscriber of the plurality of cellular telephones.

30. The method according to Claim 29, wherein the step of charging is performed on a periodic basis.